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November 19, 2004

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FAX NUMBER: (703) 872-9306

FROM: JOHN P. O'BANION

RE: 10/814,847
                 SON5180.41A1

CERTIFICATE OF FACSIMILE TRANSMISSION (37 CFR 1.8)

I hereby certify that the enclosed:

1.   **FIRST PRELIMINARY AMENDMENT (3 PAGES)**

are being facsimile transmitted to the United States Patent and Trademark Office (Fax No. 703-872-9306) on 19 November 2004.

JOHN P. O'BANION
(Type or print name of person signing certificate)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.   :   10/814,847   Confirmation No.:   6496
Applicant   :   YOSHIFUMI NISHIDA ET AL.
Title   :   OPTIMIZING IEEE 802.11 FOR TCP/IP DATA TRANSFER
Filed   :   03/30/04
Docket No.   :   SON5180.41A1
Cust. No.   :   36813

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22213-1450

FIRST PRELIMINARY AMENDMENT

Dear Sir:

Please amend the above-identified U.S. patent application filed herewith as
follows:

Amendments to the Specification begin on page 2 of this paper.

Remarks/Arguments begin on page 3 of this paper.

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